

# PRODUCT DATASHEET CA16015\_STRADA-SQ-SCL

## STRADA-SQ-SCL

Type II/III (Long) beam for very wide pole to pole distances. Ideal for pedestrian path and residential road lighting. (EN13201 P-classes). Version with location pins. Assembly with installation tape.

## **TECHNICAL SPECIFICATIONS:**

Dimensions	25.0 x 25.0 mm
Height	9.1 mm
Fastening	tape, pin
ROHS compliant	yes 🛈



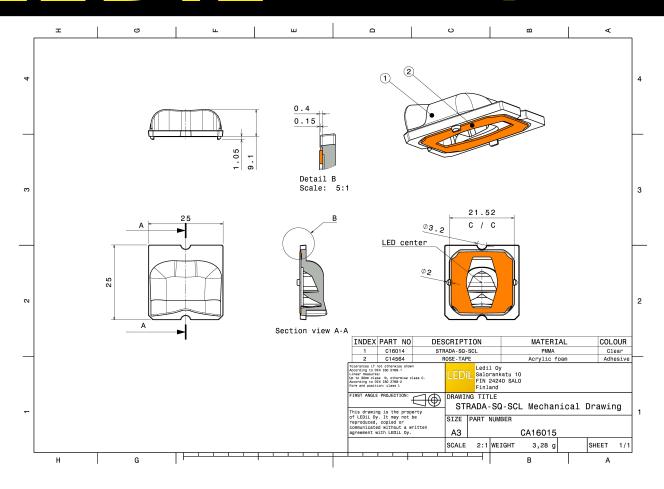
## MATERIAL SPECIFICATIONS:

Component	Туре	Material	Colour	Finish
STRADA-SQ-SCL	Single lens	PMMA	clear	
ROSE-TAPE	Tape	PU tape	black	

### **ORDERING INFORMATION:**

Component		Qty in box	MOQ	MPQ	Box weight (kg)
CA16015_STRADA-SQ-SCL	Single lens	2058	294	98	8.8
» Box size: 480 x 280 x 300 mm					

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See also our general installation guide: <u>www.ledil.com/installation\_guide</u>



## **PHOTOMETRIC DATA (MEASURED):**

CREE 🗧	•	
LED	× XHP50.2	90* 90*
FWHM / FWTM	Asymmetric	the total and the second secon
Efficiency	89 %	200
Peak intensity	0.7 cd/lm	.60* 300 60*
LEDs/each optic	1	
Light colour	White	500
Required component		
		700
		**
		30° 15° 80 15° 30°
CREE 🗧		50° 50°
LED	XP-G3	
FWHM / FWTM	Asymmetric	15°
Efficiency	94 %	400
Peak intensity	1.5 cd/lm	.50 <sup>4</sup> 500 801
LEDs/each optic	1	800
Light colour	White	.45°
Required compone	nts:	
		1200
		1430
		310 311
		15 <sup>4</sup> 0 <sup>4</sup> 15 <sup>4</sup>
CREE <del>4</del>		90° 90°
LED	XP-L HD	
FWHM / FWTM	Asymmetric	75° 200 75°
Efficiency	94 %	40
Efficiency Peak intensity	94 % 1.3 cd/lm	60 60
		60 60
Peak intensity LEDs/each optic Light colour	1.3 cd/lm 1 White	67. 60 60.
Peak intensity LEDs/each optic	1.3 cd/lm 1 White	64 60 60 67 80 97
Peak intensity LEDs/each optic Light colour	1.3 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour	1.3 cd/lm 1 White	<u>80</u> 100
Peak intensity LEDs/each optic Light colour	1.3 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required componen	1.3 cd/lm 1 White hts:	60
Peak intensity LEDs/each optic Light colour Required component	1.3 cd/m 1 White hts: EDS	60
Peak intensity LEDs/each optic Light colour Required component Market Component Required LUMIL	1.3 cd/lm 1 White hts: EDS LUXEON 5050 Square LES	<u>80</u> 100
Peak intensity LEDs/each optic Light colour Required component LUMIL LED FWHM / FWTM	1.3 cd/lm 1 White hts: EDS LUXEON 5050 Square LES Asymmetric	<u>80</u> 100
Peak intensity LEDs/each optic Light colour Required component LED FWHM / FWTM Efficiency	1.3 cd/m 1 White hts: EDS LUXEON 5050 Square LES Asymmetric 94 %	60
Peak intensity LEDs/each optic Light colour Required component <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Composed</b> <b>Co</b>	1.3 cd/lm 1 White hts: EDS LUXEON 5050 Square LES Asymmetric 94 % 1 cd/lm	
Peak intensity LEDs/each optic Light colour Required component Component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1.3 cd/m 1 White hts: EDS LUXEON 5050 Square LES Asymmetric 94 % 1 cd/lm 1	90 100 100 100 100 100 100 100 1
Peak intensity LEDs/each optic Light colour Required component Component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1.3 cd/lm 1 White hts: EDS LUXEON 5050 Square LES Asymmetric 94 % 1 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required component Component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic	1.3 cd/lm 1 White hts: EDS LUXEON 5050 Square LES Asymmetric 94 % 1 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required component Component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1.3 cd/lm 1 White hts: EDS LUXEON 5050 Square LES Asymmetric 94 % 1 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required component Component LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1.3 cd/lm 1 White hts: EDS LUXEON 5050 Square LES Asymmetric 94 % 1 cd/lm 1 White	
Peak intensity LEDs/each optic Light colour Required component Composition Required component Required component Composition LED FWHM / FWTM Efficiency Peak intensity LEDs/each optic Light colour	1.3 cd/lm 1 White hts: EDS LUXEON 5050 Square LES Asymmetric 94 % 1 cd/lm 1 White	



## PHOTOMETRIC DATA (MEASURED):

🤭 LUMIL	EDS	90° 90°
LED	LUXEON MZ	
FWHM / FWTM	Asymmetric	75* 200 75*
Efficiency	94 %	400
Peak intensity	1.3 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 800 45*
Required componer	nts:	
		1200
		30* 30* 3890 30* 30*
СЛЛАСІ		
SVWS	ING	90° 90°
LED	LH181B	- for
FWHM / FWTM	Asymmetric	259
Efficiency	92 %	60° 60°
Peak intensity	1.8 cd/lm	
LEDs/each optic	1	80
Light colour	White	-65* 1000 63*
Required componer	its:	1200
		1830
		1000
		30* 15* 30* 30*



## PHOTOMETRIC DATA (SIMULATED):

CREE ≑		
LED	XP-G2	90° 90°
FWHM / FWTM	Asymmetric	75° 1000 75'
Efficiency	89 %	
	1 cd/lm	600 600
Peak intensity		
LEDs/each optic	1 White	1000
Light colour Required components:	Wille	45* 45*
Required components.		5400
		1630
		1800
		30° 15 <sup>3</sup> 2880 15° 30°
	)S	90* 94
LED	LUXEON 5050 Round LES	
FWHM / FWTM	Asymmetric	73*
Efficiency	90 %	400
Peak intensity	0.9 cd/lm	60* 60*
LEDs/each optic	1	
Light colour	White	45* 300 45*
Required components:		1000
		1220
		1400
		(30° 15 <sup>5</sup> 0° 15° 30°
LUMILEC	DS	90 <sup>+</sup>
LED	LUXEON M/MX	
FWHM / FWTM	Asymmetric	75°
Efficiency	74 %	XXM
Peak intensity	0.4 cd/lm	50* 50*
LEDs/each optic	1	X / 200 X
Light colour	White	45'
Required components:		
Protective plate	e, glass	
		13 <sup>5</sup> g <sub>2</sub> 15 <sup>5</sup>
		90* 50
LED	LUXEON M/MX	
FWHM / FWTM		
Efficiency		- 56° 400 58°
Peak intensity		$\Lambda \times / T \Lambda \times 2$
		X / way
	White	45* 65*
Required components:		V Too
		1000
ED WHM / FWTM ifficiency Peak intensity EDs/each optic ight colour		00



## PHOTOMETRIC DATA (SIMULATED):

OSRAM Opto Semiconductors		90* 90*
LED	OSCONIQ P 7070	
FWHM / FWTM	Asymmetric	13 <sup>5</sup> 23 <sup>1</sup> 73 <sup>5</sup>
Efficiency	86 %	
Peak intensity	0.8 cd/lm	
LEDs/each optic	1	X
Light colour	White	45* 45*
Required components:		1000 1000 1000 1000 1000 1000 1000 100
SAMSUN	IG	
		90* 90*
LED	LH351B	50° 50°
		2 <sup>1</sup>
LED	LH351B	
LED FWHM / FWTM	LH351B Asymmetric	
LED FWHM / FWTM Efficiency	LH351B Asymmetric 89 %	77
LED FWHM / FWTM Efficiency Peak intensity	LH351B Asymmetric 89 % 0.9 cd/lm	



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#### **GENERAL INFORMATION:**

NOTE: The typical beam angle will be changed by different color, chip size and chip position tolerance. The typical total beam angle is the full angle measured where the luminous intensity is half of the peak value.

#### **MATERIALS:**

As part of our continuous research and improvement processes, and to ensure the best possible quality and availability of our products, LEDiL reserves the right to change material grades without notice.

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